

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	("6236645").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/23 20:46
S2	4	("3909721").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/02/14 12:19
S3	734	(first adj1 bit) same (second adj1 bit) same (quality or error)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 12:20
S4	298	(first adj1 bit) with (second adj1 bit) with (quality or error)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 12:21
S5	8	(first adj1 bit adj1 position) with (second adj1 bit adj1 position) with (quality or error)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 15:44
S6	16	(first adj1 bit adj1 position) with (second adj1 bit adj1 position) same (quality or error)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 12:24
S7	30	((first adj1 bit adj1 position) same (second adj1 bit adj1 position)) same (quality or error)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 12:27
S8	19	((bit adj1 position) near3 (error or quality)) same ((plac\$4 or arrang\$4) near3 (bit adj1 position))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 12:28
S9	2	"3435134".PN.	USPAT; USOCR	OR	OFF	2006/02/14 12:32
S10	2	"3071727".PN.	USPAT; USOCR	OR	OFF	2006/02/14 12:32
S11	4	(first adj1 bit adj1 position) same (second adj1 bit adj1 position) same (protect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 12:46
S12	6	(bit adj1 positions) same (susceptibl\$4 with error)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 12:48

## EAST Search History

S27	1	"5850403".PN.	USPAT; USOCR	OR	OFF	2006/02/14 13:38
S28	1	"5960040".PN.	USPAT; USOCR	OR	OFF	2006/02/14 13:40
S29	2	(important near3 (information or data or bits)) same (second adj2 (bit adj1 (location or position)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 13:49
S30	1	"5960040".PN.	USPAT; USOCR	OR	OFF	2006/02/14 13:46
S31	1	"5850482".PN.	USPAT; USOCR	OR	OFF	2006/02/14 13:46
S32	1	"5850403".PN.	USPAT; USOCR	OR	OFF	2006/02/14 13:46
S33	1	"5790570".PN.	USPAT; USOCR	OR	OFF	2006/02/14 13:46
S34	1	"5029185".PN.	USPAT; USOCR	OR	OFF	2006/02/14 13:46
S35	90	(first adj1 "two" adj1 bit adj1 (position or location))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 13:54
S36	2	(first adj1 "two" adj1 bit adj1 (position or location)) same ((important or significant) near3 (bits or information or data))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 13:51
S37	8731	((important or significant) near4 (bits or information or data)) same (bit near2 (location or position))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:00
S38	5278	((important or significant) near3 (bits or information or data)) with (bit adj1 (location or position))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 13:55
S39	80	((important) near3 (bits or information or data)) with (bit adj1 (location or position))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 13:55
S40	35	((important or significant) near4 (bits or information or data)) same ((first and second) adj1 (bit near2 (location or position)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:10
S41	299	Okuda.in. and bits	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:10

## EAST Search History

S42	107	S41 and position	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:10
S43	30	"L93" and transmission	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:11
S44	350	"L40" and transmission	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:11
S45	50	S42 and transmission	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:17
S46	1	((first and second) adj1 bit adj1 position) near3 symbol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:18
S47	413	((first and second) adj1 bit adj1 position)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:18
S48	20	((first and second) adj1 bit adj1 position) with (plac\$4 or arrang\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 16:31
S49	19	((first adj1 bit adj1 position) with (plac\$4 or arrang\$4)) same ((second adj1 bit adj1 position) with (plac\$4 or arrang\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:22
S50	19	S49 not S28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:21
S51	0	S49 not S48	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:21
S52	8	(important near3 (information or data or bits)) same ((plac\$4 or arrang\$4) adj3 (bit adj1 (location or position)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:24
S53	22	(control\$4 adj1 (information or data or bits)) same ((plac\$4 or arrang\$4) adj3 (bit adj1 (location or position)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:26

## EAST Search History

S54	178	(significant adj1 (information or data or bits)) same ((plac\$4 or arrang\$4) adj3 (bit adj1 (location or position)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:26
S55	48	(significant adj1 (information or data or bits)) same ((plac\$4 or arrang\$4) adj3 (bit adj1 (location or position))) same (first and second)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:30
S56	265	(bits with (phase adj1 position))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:32
S57	51	(bits with (phase adj1 position)) same (first and second)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:32
S58	4	(bits with (phase adj1 position)) same (first and second) same (arrang\$4 or plac\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:33
S59	0	bits with (first adj1 phase adj1 position) with (second adj1 phase adj1 position)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:34
S60	0	bits same (first adj1 phase adj1 position) same (second adj1 phase adj1 position)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:34
S61	998	bits same (first adj1 position) same (second adj1 position)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:35
S62	2	S7 and (((first adj1 position) with symbol) same ((second adj1 position) with symbol))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:36
S63	18	S61 and (((first adj1 position) with symbol) same ((second adj1 position) with symbol))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:38
S64	7	(bit adj1 position) with (susceptibl\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:38
S65	10	(bit adj1 position) with (susceptibl\$4 or susceptibility)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:39

## EAST Search History

S66	294	(first adj1 bit adj1 position) same (second adj1 bit adj1 position)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 16:08
S67	30	((first adj1 bit adj1 position) same (second adj1 bit adj1 position)) same (error or quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 15:39
S68	9	(arrang\$4 or plac\$4) with (first adj1 bit adj1 position) with (second adj1 bit adj1 position)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 16:29
S69	14019	Sudo.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 15:42
S70	8	Sudo.in. and (first adj1 bit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 15:44
S71	24	((("1st" and "2nd") adj1 bit) same (plac\$4 or arrang\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 15:47
S72	1953	((first and second) adj1 bit) same (plac\$4 or arrang\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 15:49
S73	322	((first and second) adj1 bit) near4 (plac\$4 or arrang\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 15:47
S74	4	((((first and second) adj1 bit) near4 (plac\$4 or arrang\$4)) same (error or quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 15:48
S75	0	((((first and second) adj1 bit) near4 (plac\$4 or arrang\$4)) same (important)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 15:47
S76	0	((((first and second) adj1 bit) with (plac\$4 or arrang\$4)) same (important)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 15:48
S77	1141	((first and second) adj1 bit) with (plac\$4 or arrang\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 15:49

## EAST Search History

S78	0	((first and second) adj1 bit) with (plac\$4 or arrang\$4) same important	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 15:49
S79	32	((first and second) adj1 bit) with (plac\$4 or arrang\$4) same significant	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 15:52
S80	1084	(place or arrang\$) with ((first and second) adj1 bit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 15:53
S81	9	(place or arrang\$) with ((first and second) adj1 bit) with symbol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 15:53
S82	1	((first adj1 symbol adj1 position) same (second adj1 symbol adj1 position)) with (plac\$4 or arrang\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 15:55
S83	8	((first adj1 symbol adj1 position) same (second adj1 symbol adj1 position))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 15:59
S84	955	(arrang\$4 or plac\$4) with (first adj1 bit) with (second adj1 bit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 16:00
S85	42	(arrang\$4 or plac\$4) with (second adj1 bit adj1 position)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 16:01
S86	14	(first adj3 bit adj1 position) with (second adj1 bit adj1 position) with error	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 16:10
S87	127	(important) with (bit adj1 position)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 16:12
S88	22	(important) with (second adj1 bit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 16:11
S89	24	(important adj1 (information or bits)) with (bit adj1 position)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 16:23

## EAST Search History

S90	0	(first adj1 (information or sequence or stream)) with (plac\$4 or arrang\$4) with (first adj1 "two" adj1 bit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 16:25
S91	4	(first adj1 (information or sequence or stream)) with (plac\$4 or arrang\$4) with (second adj1 bit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 16:25
S92	134	(information or sequence or stream) with (plac\$4 or arrang\$4) with ((first and second) adj1 bit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 16:26
S93	21	((arrang\$4 or plac\$4) with (first adj3 bit adj1 position)) same (second adj1 bit adj1 position)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 16:29
S94	2280	((first and second) adj3 bit) with (plac\$4 or arrang\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 16:32
S95	22	((first and second) adj3 bit) with (plac\$4 or arrang\$4) with symbol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 16:33
S96	401	(arrang\$4 near3 bit).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 16:34
S97	73	S96 and (first and second)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 16:34
S98	72	S96 and (first same second)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 16:46
S99	9	S96 and (bit adj1 position)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 16:34
S100	0	quality near3 (second adj1 bit adj1 position)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 16:47
S101	13	quality near3 (second adj1 bit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 16:47

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S10 2	0	quality near3 ("2nd" adj1 bit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 16:52
S10 3	177	((first and second) adj3 bit) adj3 symbol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 16:57
S10 4	197	(Gray adj1 cod\$4) same (bit adj1 position)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 17:01
S10 5	3	(Gray adj1 cod\$4) same ((first and second) adj2 bit adj1 position)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 17:02
S10 6	81	(first adj1 "two" adj1 bit adj1 positions)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 17:05
S10 7	2	(first adj1 "2" adj1 bit adj1 positions)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 17:03
S10 8	5	(bit adj1 positions) with symbols with (susceptible or susceptibility or protect\$4) with error	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 17:07
S10 9	147	(bit) with symbols with (susceptible or susceptibility or protect\$4) with error	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 17:07
S11 0	4	(bit adj1 location) with symbols with (susceptible or susceptibility or protect\$4) with error	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 17:08
S11 1	48	(bit adj1 position) with (susceptible or susceptibility or protect\$4) with error	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 17:11
S11 2	1736	((chang\$4 or rearrang\$4) with (bit adj1 position))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 17:12
S11 3	249	((chang\$4 or rearrang\$4) with (bit adj1 position)) same (first and second)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 17:12



## EAST Search History

S11 4	70	((chang\$4 or rearrang\$4) with (bit adj1 position)) same (first and second) near3 (bit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 17:12
S11 5	70	((chang\$4 or rearrang\$4) with (bit adj1 position)) same ((first and second) near3 (bit))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 17:12
S11 6	46	((chang\$4 or rearrang\$4) with (bit adj1 position)) same ((first and second) near3 (bit adj1 position))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 17:12
S11 7	21	(arrang\$ or plac\$4) with (first adj1 bit) with symbol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/24 16:29
S11 8	0	375/295.ccls. and (arrang\$ or plac\$4) with (first adj1 bit) with symbol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/24 16:29
S11 9	5	((arrang\$ or plac\$4) with (first adj1 bit) with symbol).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/24 16:30
S12 0	2	("6483872").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/22 17:42
S12 1	2	("6226323").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/21 18:54
S12 2	0	375/229-236.ccls. and ((feedback) same (estimat\$4 near4 (intersymbol adj1 interference)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/21 18:55
S12 3	0	375/229-236.ccls. and ((feedback) same (estimat\$4 near4 (inter-symbol adj1 interference)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/21 18:55
S12 4	88	375/229-236.ccls. and ((feedback) same (estimat\$4 near4 (ISI)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/23 20:45
S12 5	8	375/229-236.ccls. and (multiple adj3 iterations)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/22 17:49

## EAST Search History

S12 6	8	375/229-236.ccls. and (multiple adj3 iterations)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/22 17:49
S12 7	9	375/229-236.ccls. and (multiple adj3 iterations)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/22 18:20
S12 8	4	375/229-236.ccls. and (plurality adj3 iterations)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/22 17:49
S12 9	115	375/229-236.ccls. and (equaliz\$4 with iterations)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/22 17:50
S13 0	0	(equaliz\$4 with (multipl adj3 iterations))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/22 18:11
S13 1	31	(equaliz\$4) with (multiple near3 passes)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/22 18:13
S13 2	156	(equaliz\$4) with (multiple near3 times)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/22 18:13
S13 3	2	("6151358").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/07/22 18:20

## EAST Search History

S13	2080	(bit adj1 positions) with (error or quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 12:48
S14	1041	(bit adj1 positions) near3 (error or quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 12:48
S15	180	(bit adj1 positions) near3 (error or quality) with (second or "2")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 12:49
S16	94	(bit adj1 positions) near3 (error or quality) with (second or "2") with (first or "1")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 13:32
S17	116	(most adj1 significant adj1 bits) same ((first and second) near3 (bit adj1 (location or position)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 13:34
S18	12	(more adj1 significant adj1 bits) same ((first and second) near3 (bit adj1 (location or position)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 13:34
S19	1	(more adj1 significant adj1 bits) same ((first and second) adj2 (bit adj1 (location or position)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 13:34
S20	2	(more adj1 significant adj1 bits) same ((first and second) adj3 (bit adj1 (location or position)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 13:34
S21	26	(most adj1 significant adj1 bits) same ((first and second) adj2 (bit adj1 (location or position)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 13:36
S22	2	(important near3 (information or data or bits)) same ((first and second) adj2 (bit adj1 (location or position)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/14 14:22
S23	1	"5029185".PN.	USPAT; USOCR	OR	OFF	2006/02/14 13:38
S24	1	"5396518".PN.	USPAT; USOCR	OR	OFF	2006/02/14 13:38
S25	1	"5602875".PN.	USPAT; USOCR	OR	OFF	2006/02/14 13:38
S26	1	"5790570".PN.	USPAT; USOCR	OR	OFF	2006/02/14 13:38